





The Hubble Space Telescope peers inside a celestial geode. The bubble-like cavity is made up of interstellar gas and dust. Find out about the Hubble Space Telescope's amazing vision! http://spaceplace.nasa.gov/en/kids/wfpc_fact1.shtml

DECEMBER®2

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
Safe Toy Month. Build a Newtonian Physics Machine.				NEW MOON 1	2	Hans Lippershey introduces the telescope, 1621. How good is the amazing Hubble Space Telescope?
4	5	Percy Spencer invents the microwave oven, 1945. What ARE microwaves anyway? Find out at the Land of Magic Windows.	Launch in 1966 7 of Applications Technology Satellite 1 (first weather sensor in space on geostationary satellite). Check out the latest in weather satellites.	FÍRST QUARTER 8	9	10
First recorded sighting of the Aurora Borealis took place in New England, 1719. Go to The Space Place and find out what causes them.	12	13	14	Birthday in 1832 of Alexandre Eiffel, designer of the Eiffel Tower. Try designing and building your own spacecraft.	16	Wright Brothers 17 take the first airplane flight at Kitty Hawk, NC, 1903. Compare their plane with those of the Blue Angels and a modern spacecraft.
18	Apollo 17, the last of the Apollo Moon landing missions, returns to Earth, 1972. Check out images of the Moon and Apollo program.	20	Arthur Wynne creates first crossword puzzle, 1919. Solve the Earth Watcher Crossword. Winter solstice (first day of winter)	22	LAST QUARTER 23	24
25 Christmas Day	Time Magazine names Albert Einstein as Person of the Century, 1999. Play the LISA gravitational wave game and find out more about Einstein.	27	28	29	National Bicarbonate Day. Did you know you can use this stuff for rocket fuel?	New Year's Eve

Month of December: spaceplace.nasa.gov/en/kids/funphysics.shtml Dec. 3: spaceplace.nasa.gov/en/kids/wfpc_fact1.shtml Dec. 6: spaceplace.nasa.gov/en/kids/chandra.shtml Dec. 7: spaceplace.nasa.gov/en/kids/goes/goes_poes_orbits.shtml Dec. 11: spaceplace.gotdns.com/en/educators/st5_magnetism.pdf

Dec. 15: spaceplace.nasa.gov/en/educators/spacecraft_model_web.pdf

Dec. 17: spaceplace.gotdns.com/en/educators/formation_flying_forweb.pdf
Dec. 19: spaceplace.nasa.gov/en/educators/teachers_moon_images.shtml
Dec. 21: spaceplace.nasa.gov/en/kids/misr_xword/misr_xword1.shtml
Dec. 26: spaceplace.nasa.gov/en/educators/lisa_game.pdf
Dec. 30: spaceplace.pasa.gov/en/kids/rocket.shtml

o://spaceplace.nasa.go

Dec. 30: spaceplace.nasa.gov/en/kids/rocket.shtml